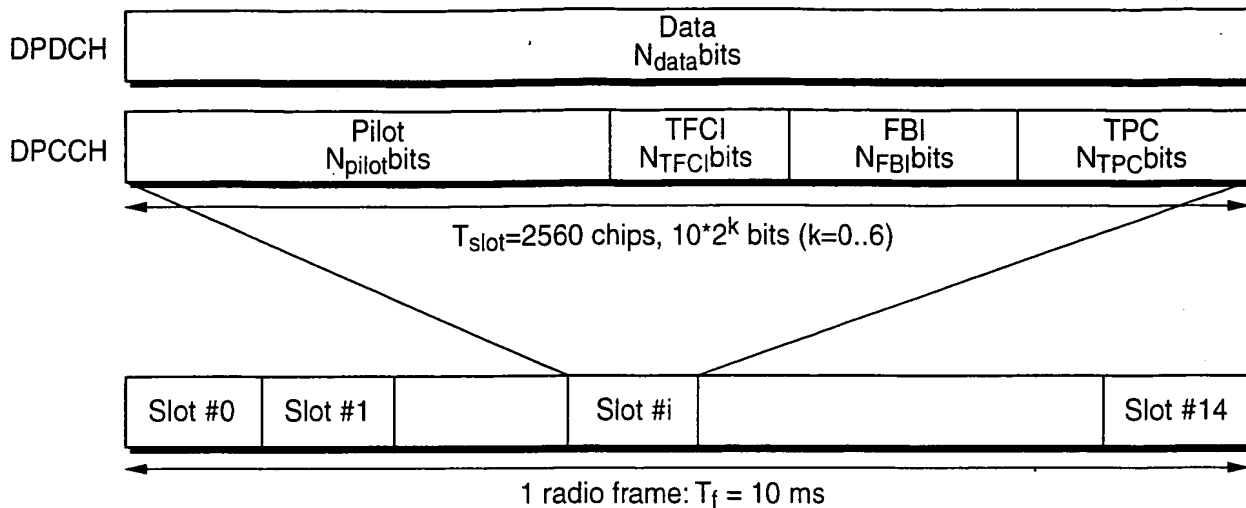
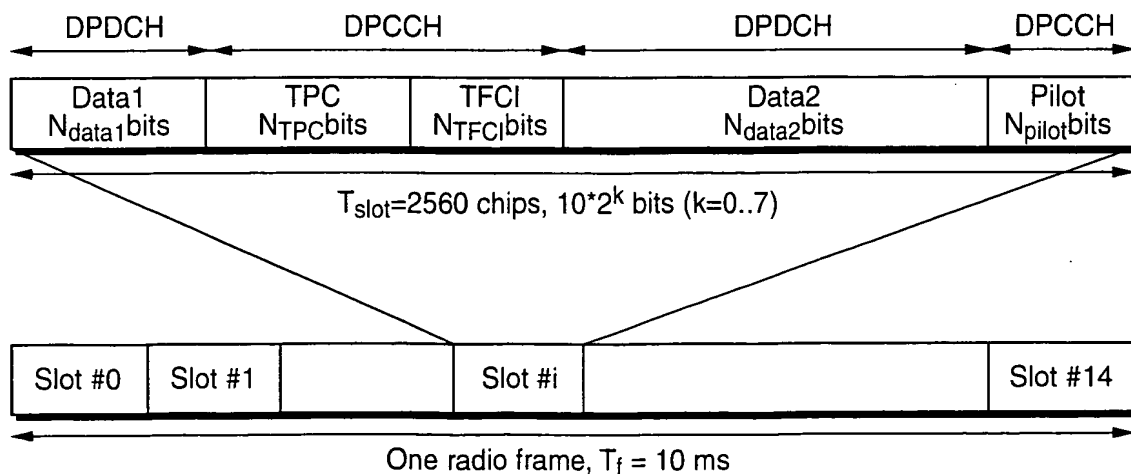


**Fig. 1(a)**



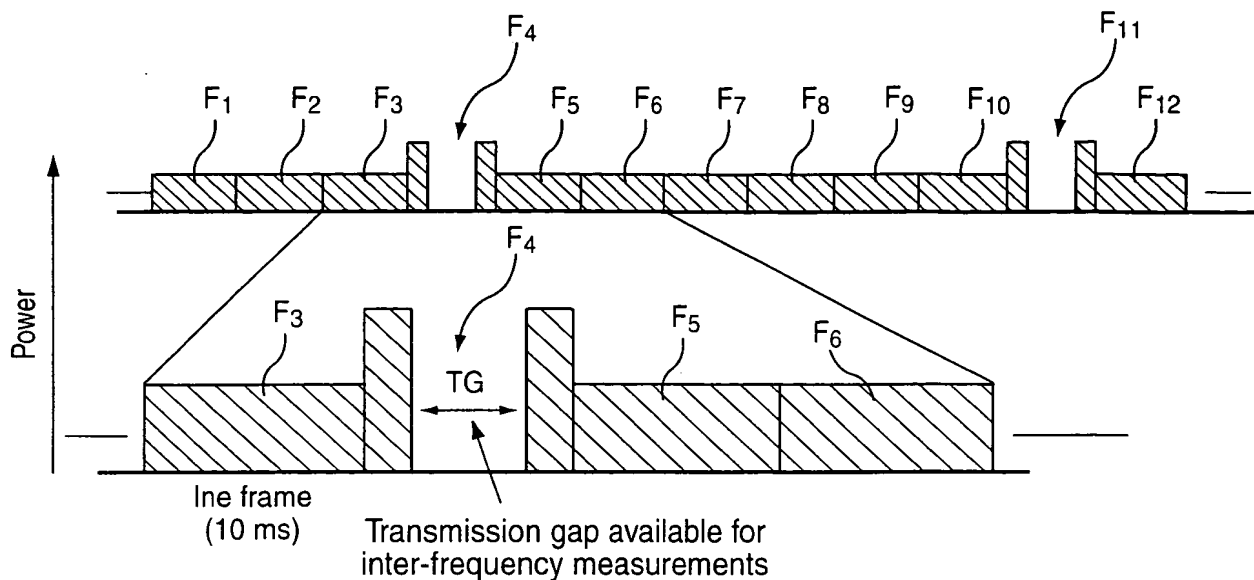
Frame structure for uplink DPDCH/DPCCH

**Fig. 1(b)**



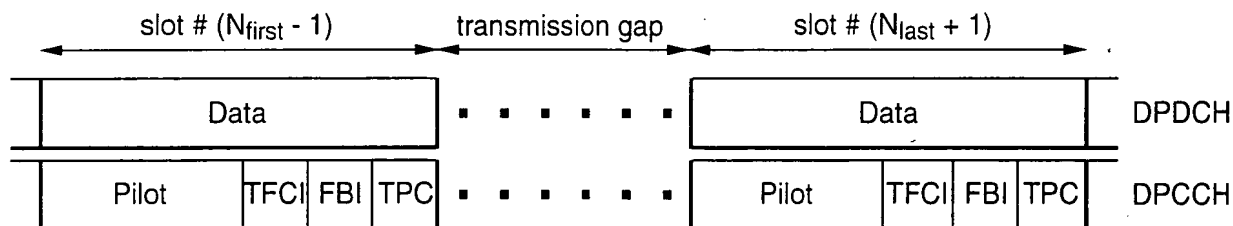
Frame structure for downlink DPCH

**Fig. 2**



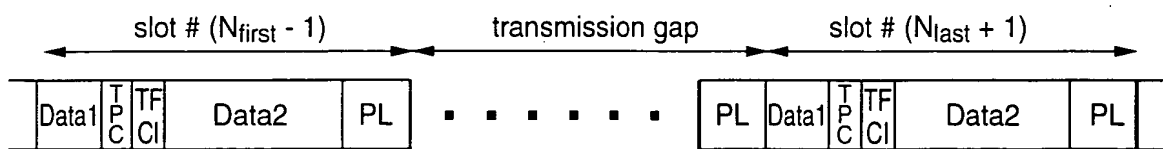
Compressed mode transmission

**Fig. 3**



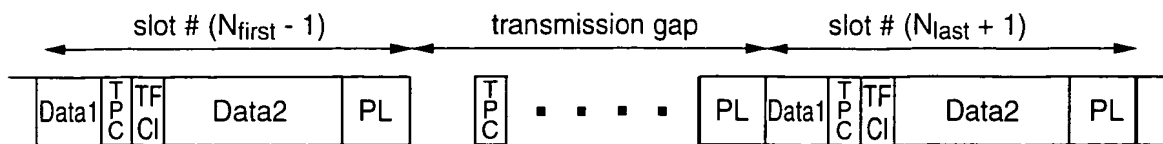
Frame structure in uplink compressed transmission

**Fig. 4**



Frame structure in uplink compressed transmission

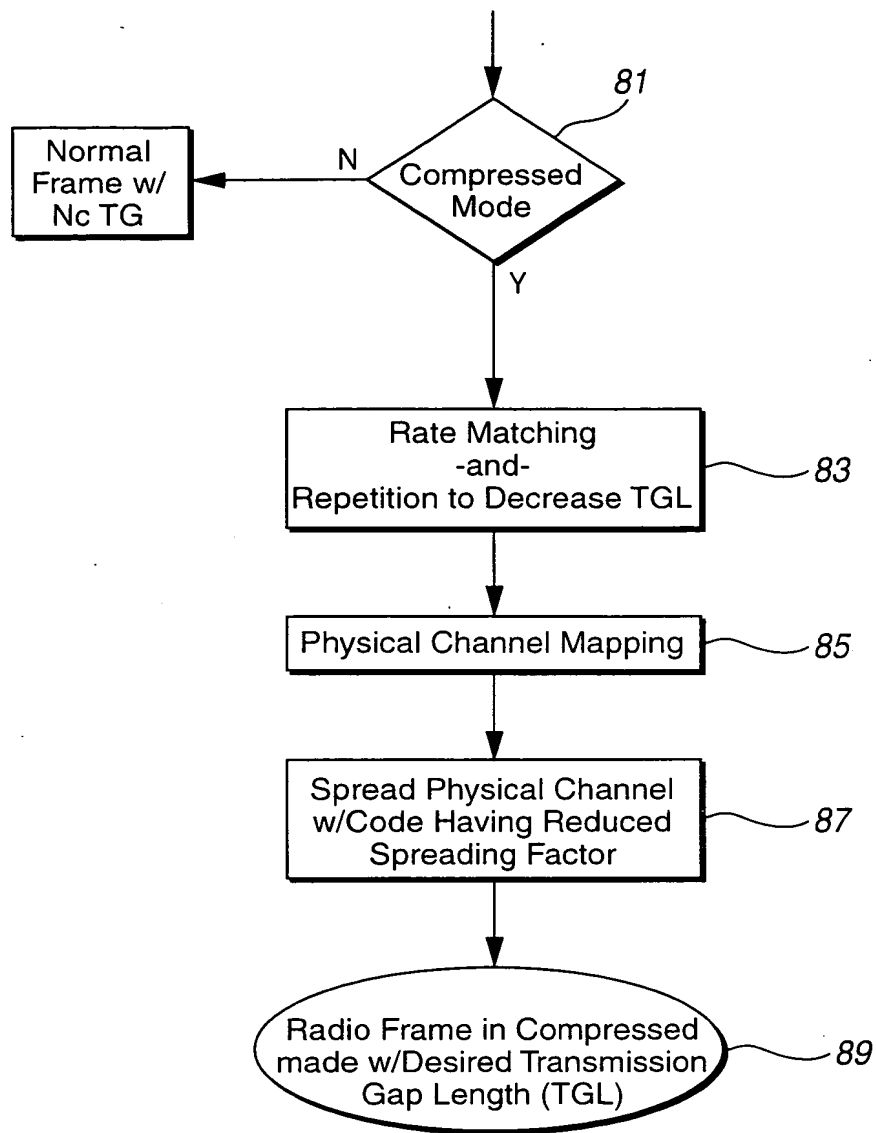
**Fig. 5(a)**



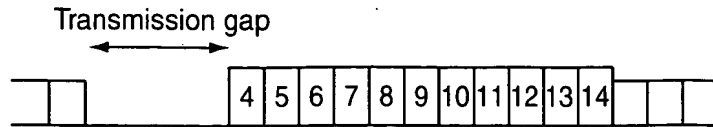
(d) Frame structure type B

Frame structure types in downlink compressed transmission

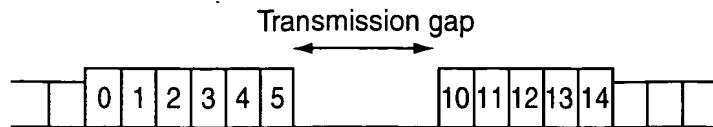
**Fig. 5(b)**



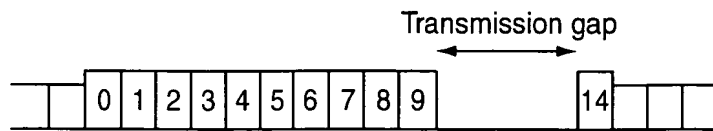
**Fig. 6**



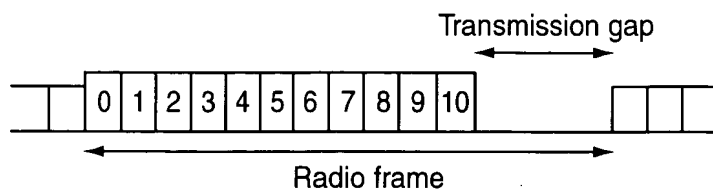
**Fig. 7**



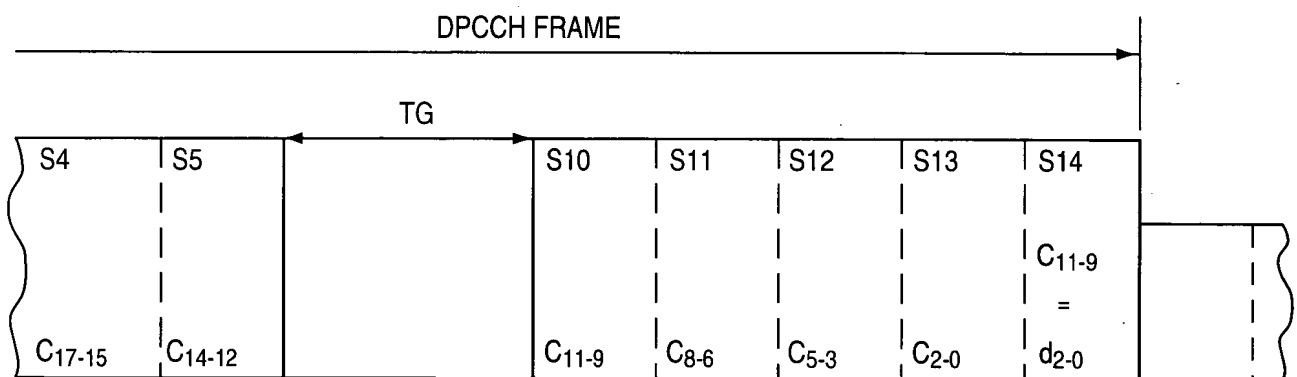
**Fig. 8(a)**



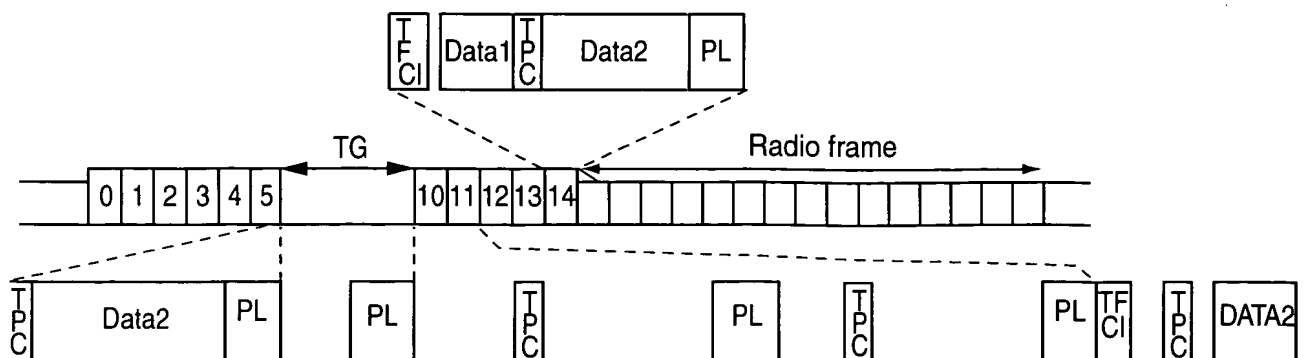
**Fig. 9**



**Fig. 10**



**Fig. 8(b)**

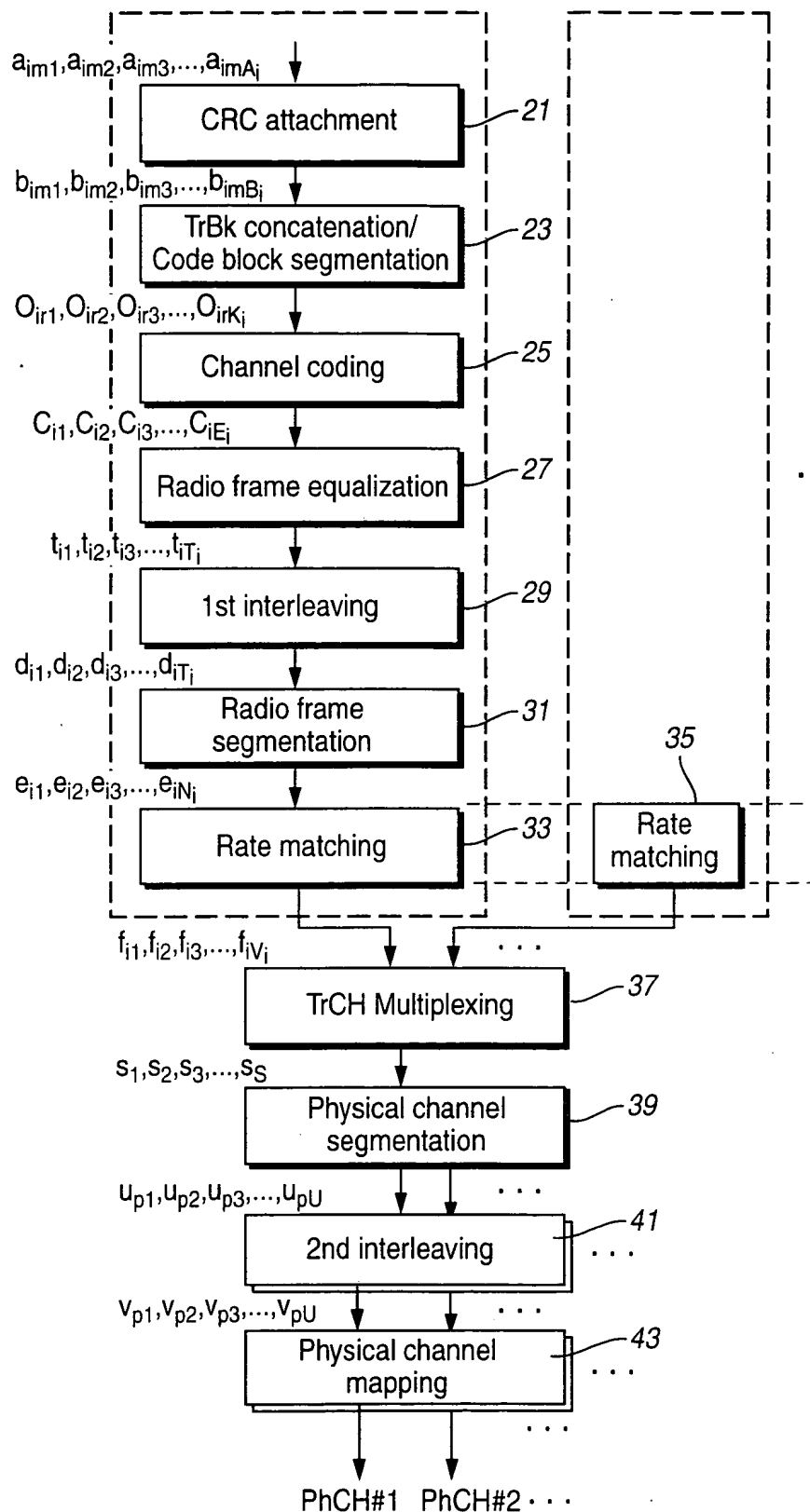


**Fig. 11**

**Fig. 12**

**Table 2: DPCCH fields**

Slot Format #i	Channel Bit Rate (kbps)	Channel Symbol Rate (ksps)	SF	Bits/Frame	Bits/Slot	N <sub>pil</sub>	N <sub>TP</sub>	N <sub>TF</sub>	N <sub>FB</sub>	Transmitted slots per radio frame
0	15	15	256	150	10	6	2	2	0	15
0A	15	15	256	150	10	5	2	3	0	10-14
0B	15	15	256	150	10	4	2	4	0	8-9
1	15	15	256	150	10	8	2	0	0	8-15
2	15	15	256	150	10	5	2	2	1	15
2A	15	15	256	150	10	4	2	3	1	10-14
2B	15	15	256	150	10	3	2	4	1	8-9
3	15	15	256	150	10	7	2	0	1	8-15
4	15	15	256	150	10	6	2	0	2	8-15
5	15	15	256	150	10	5	1	2	2	15
5A	15	15	256	150	10	4	1	3	2	10-14
5B	15	15	256	150	10	3	1	4	2	8-9



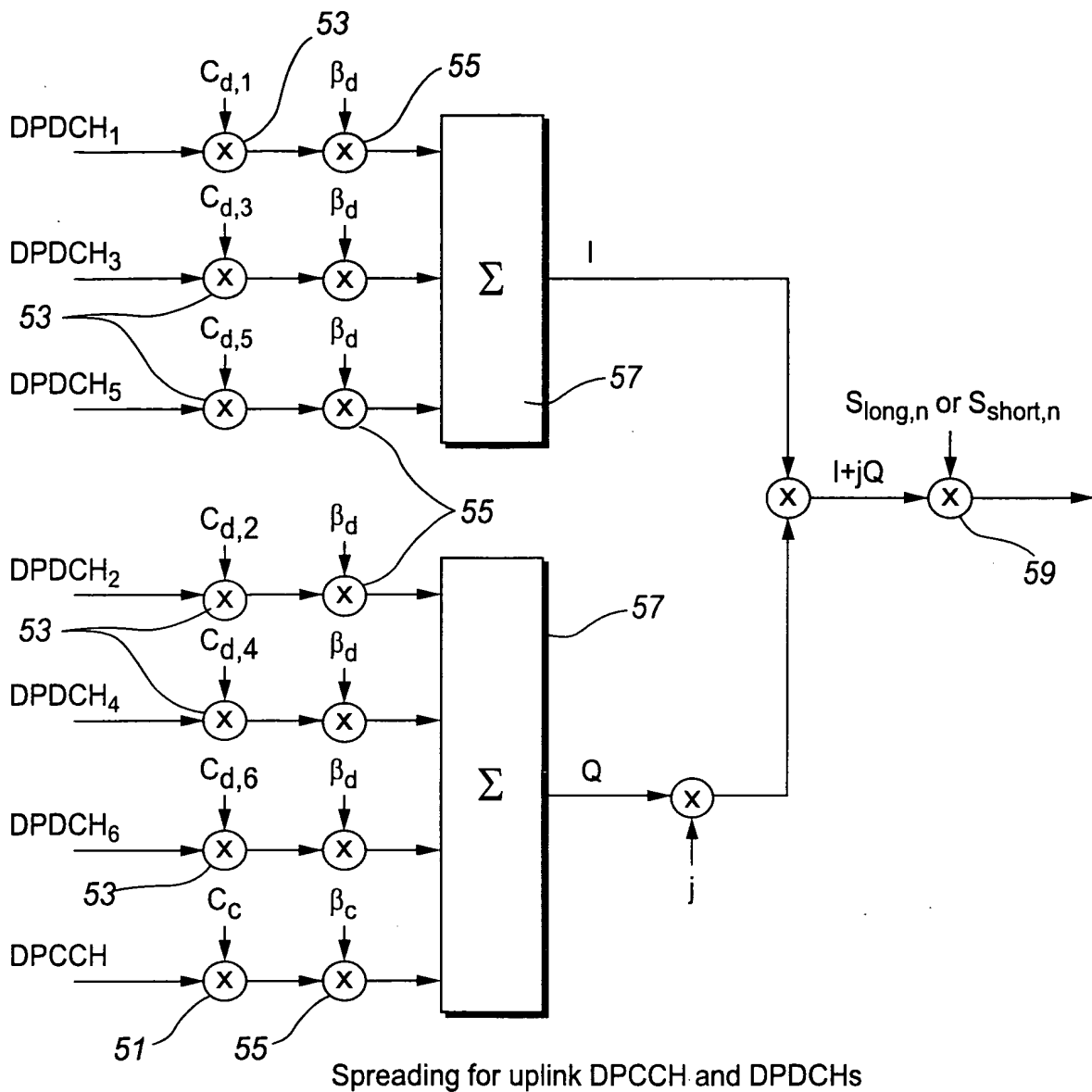
Transport channel multiplexing structure for uplink

**Fig. 13(a)**

Table 3: Parameters for different TGLs in compressed mode

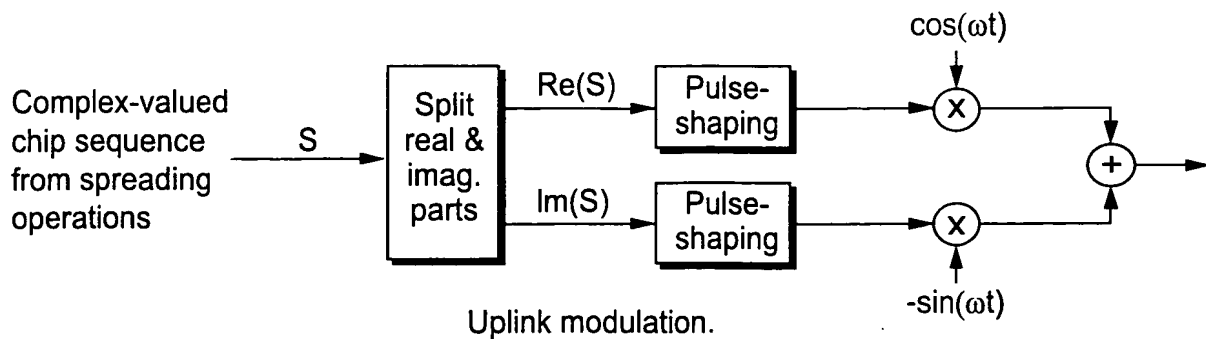
TGL	Type	Adjustable /fixed gap position	Spreading Factor	Idle length[ms]	Transmission time Reduction method	Idle frame Combining
3	A	Adjustable Or Fixed	512 - 4	1.73-1.99	Puncturing Spreading factor reduction by 2 Higher layer scheduling	(S) (D) =(1,2),(2,1)
	B		256- 4	1.60-1.86		
4	A		512 - 4	2.40-2.66		(S) (D) =(1,3),(2,2),(3,1)
	B		256- 4	2.27-2.53		
7	A		512 - 4	4.40-4.66		(S) (D)=(1,6),(2,5),(3,4),(4,3),(5, 2),(6,1)
	B		256- 4	4.27-4.53		
10	A		512 - 4	6.40-6.66		(D)=(3,7),(4,6),(5,5),(6,4),(7, 3)
	B		256- 4	6.27-6.53		
14	A	Fixed	512 - 4	9.07-9.33		(D) =(7,7)
	B		256- 4	8.93-9.19		

Fig. 13(b)



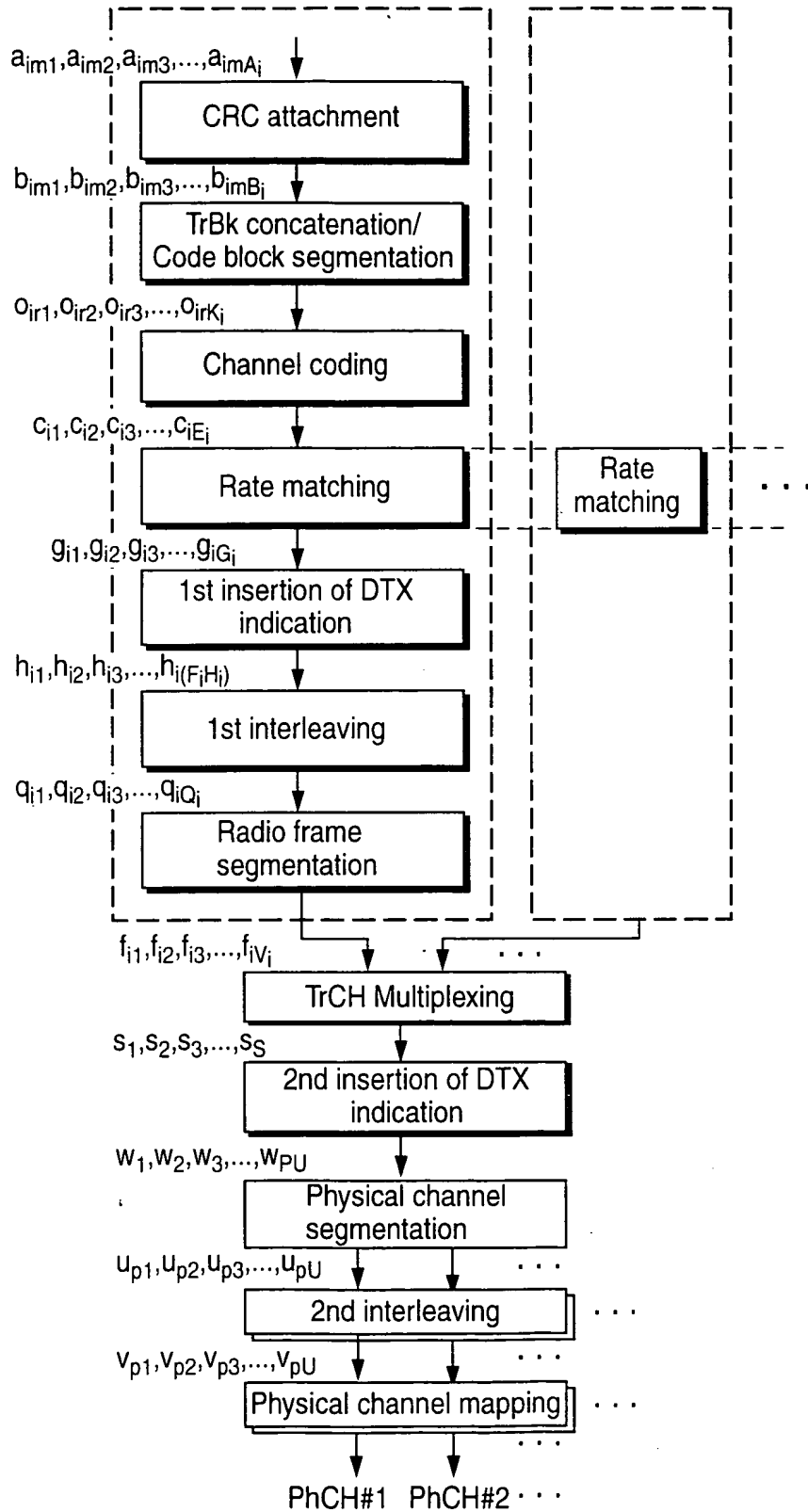
Spreading for uplink DPCCH and DPDCHs

**Fig. 14**



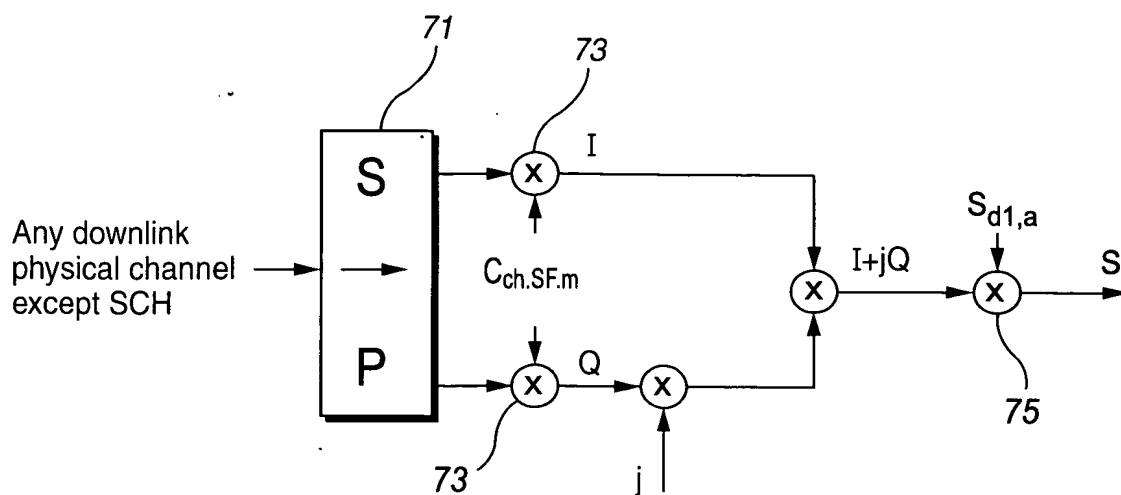
Uplink modulation.

**Fig. 15**



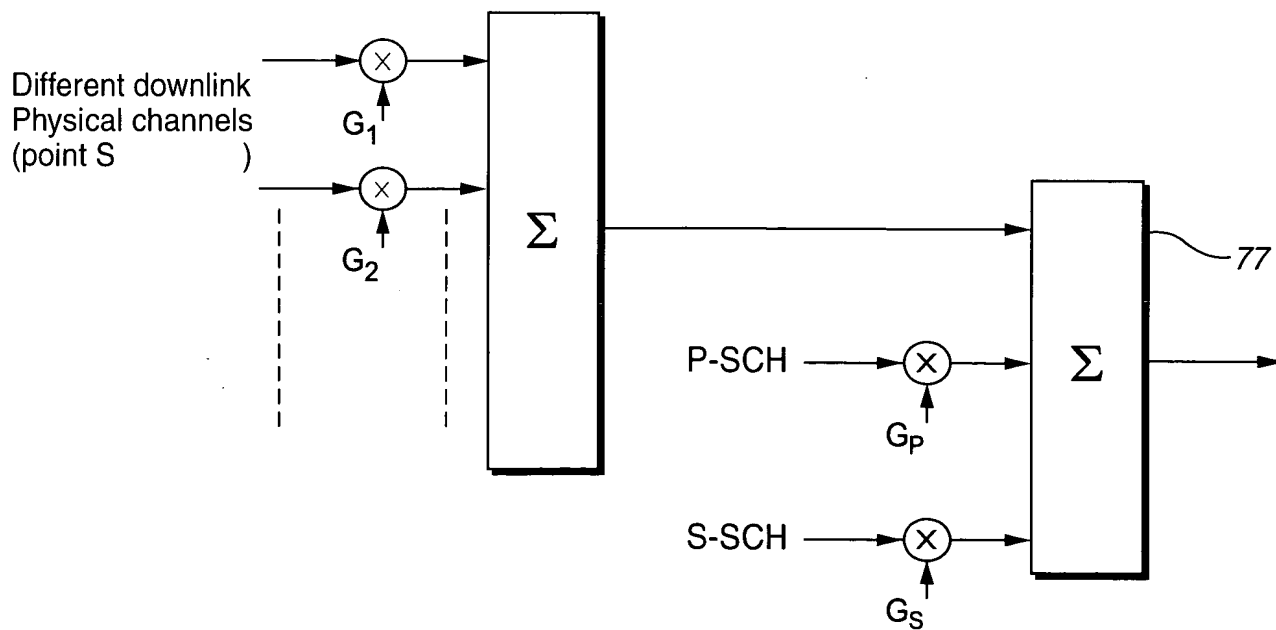
Transport channel multiplexing structure for downlink

**Fig. 16**



Spreading for all downlink physical channels except SCH

**Fig. 17**



Spreading and modulation for SCH and P-CCPCH

**Fig. 18**

